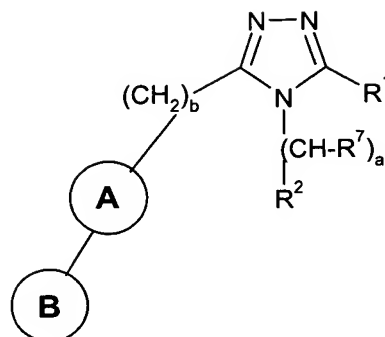


ABSTRACT:

Triazole Compounds Useful in Therapy

A compound of formula (I),



(I)

or a pharmaceutically acceptable salt or solvate thereof, wherein

R¹ represents C₁-C₆ alkyl, -(CH₂)_c-[C₃-C₈ cycloalkyl]-, -(CH₂)_c-W or -(CH₂)_c-Z-(CH₂)_d-W;

W represents C₁-C₆ alkyl, C₁-C₆ alkyloxy, -CO₂[C₁-C₆ alkyl], -CONR⁴R⁵, an optionally substituted phenyl group, NR⁴R⁵, het² or het³;

Z represents O or S(O)_g;

g represents 0, 1 or 2;

R² represents a phenyl group, optionally fused to a 5- or 6- membered aryl or heterocyclic group which may contain one or more heteroatoms selected from N, O or S; the phenyl group and the optionally fused group being optionally substituted;

Ring A represents a 4-, 5- or 6- membered saturated heterocyclic group containing at least one N;

Ring B represents a phenyl group or het¹, each group being optionally substituted;

R⁷ independently represents H, C₁-C₆ alkyl, OR³, -(CH₂)_e-R³ or -(CH₂)_f-O-(CH₂)_e-R³; at each occurrence R³ independently represents H, C₁-C₆ alkyl optionally substituted by Y, -(CH₂)_g-[C₃-C₈ cycloalkyl], phenyl, benzyl, pyridyl or pyrimidyl;

at each occurrence R⁴ and R⁵ independently represent H, C₁-C₆ alkyl (optionally substituted with C₁-C₆ alkyloxy), (CH₂)₉CO₂-[C₁-C₆ alkyl], -SO₂Me, -(CH₂)_g-[C₃-C₈ cycloalkyl], SO₂Me, phenyl, benzyl, pyridyl or pyrimidyl; or R⁴ and R⁵ together with the N atom to which they are attached represent a heterocyclic group of from 3 to 8 atoms;

Y independently represents a phenyl group, NR⁴R⁵ or het⁴, the phenyl group being optionally substituted;

het¹ represents a 4-, 5- or 6- membered saturated, or unsaturated, heterocyclic group containing at least one N (but which may also contain one or more O or S atoms);

het² and het⁴ represent an optionally substituted 4-, 5-, 6- or 7- membered saturated, or unsaturated, heterocyclic group containing at least one N (but which may
5 also contain one or more O or S atoms);

het³ represents an optionally substituted 4-, 5-, 6- or 7- membered saturated, or unsaturated, heterocyclic group containing at least one O (but which may also contain one or more N or S atoms);

at each occurrence R⁶ independently represents H, C₁-C₆ alkyl optionally substituted
10 by Y, -(CH₂)_g-[C₃-C₈ cycloalkyl], phenyl, benzyl, pyridyl or pyrimidyl;

a and b independently represent 0 or 1;

c, d, e and g independently represent 0, 1, 2, 3 or 4;

f independently represents 1, 2, 3 or 4;

provided that:

15 (i) a + b cannot equal 0; and

(ii) provided that when R¹ represents -(CH₂)_c-Z-(CH₂)_d-W and W represents NR⁴R⁵ or any N linked heterocyclic group then d must not be 0 or 1; and

20 (iii) provided that when R² represents a phenyl group substituted by a group of formula -(CH₂)_eOR³, -(CH₂)_e-CO₂R³ or -(CH₂)_eOCOR³; or het¹ and/or het² are substituted by a group of formula -(CH₂)_eOR³, -(CH₂)_e-CO₂R³ or -(CH₂)_eOCOR³; or when R⁷ represents -OR³ or -(CH₂)_r-O-(CH₂)_e-R³ and e is 0; or when W represents a phenyl group substituted with -OR³ or -
25 CO₂R³; and

R³ represents an alkyl group substituted with Y, and Y represents NR⁴R⁵ or an N-linked het³;

then R³ must represent C₂-C₆ alkyl substituted with Y.

are useful in the treatment of dysmenorrhoea.